# PM Series - Open Style Power Relay

4PDT, 35 Amp



The PM Series relays offer 4 double throw poles (4PDT) for up to 35 amp at 277 VAC or 20 amps at 28Vdc. Product also is capable of 10 amps tungston switching. Screw terminals (8-32) are standard but .250" quick connects are also available.



## **GENERAL SPECIFICATIONS (@ 25° C)**

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-	IILA	CLO.

4PDT **Contact Configuration** Silver Alloy **Contact Material** 

Contact Rating

35 Amp 120 / 240VAC Resistive 20 Amp 28VDC Resistive 1.5Hp Motor 240VAC 1 Phase

100 milliohms max @ 6VDC Contact Resistance, Initial

#### Coil:

AC and DC Coils Available 14VA 4.4W Nominal Coil Power 85% to 110% of nominal Input Voltage Tolerance - AC 80% to 110% of nominal Input Voltage Tolerance - DC 10% of nominal Drop-out voltge Continuous Duty

Timina:

40ms Operate Time (max) 30ms Release Time (max)

Dielectric Strength:

1500 VRMS Across Open Contacts 2200 VRMS Between Mutally Insulated Points 1000 megohms @ 500VAC Insulation Resistance

Temperature:

-34 to 74°C (-30 to 165°F) Operating -40 to 105°C (-40 to 221°F) Storage

Life Expectancy:

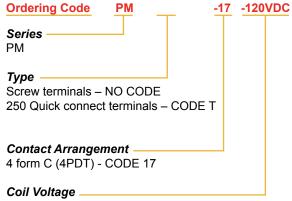
100,000 Electrical (full load operations) 2,000,000 Mechanical (no load operations)

Miscellaneous:

Any Mounting Position Optional - 35D203 Enclosure 14.9oz (379 grams) Weight







AC: 12, 24, 120, 240, 240, 550 (Add VAC) DC: 12, 24, 115-125, 240 (Add VDC)



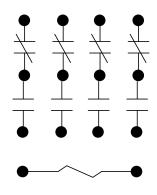
# **Power Relays**

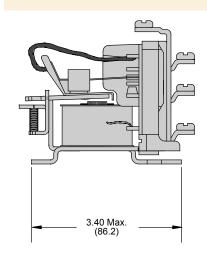
30 - 300 Amp

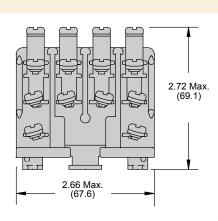
#### **Outline Dimensions**

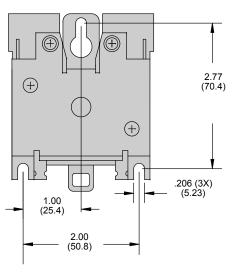
Dimensions Shown in inches & (millimeters)

## **PM Wire Diagram**









# **Dust Cover Optional Part Number - 35D203**





## **Outline Dimensions**

Dimensions Shown in inches & (millimeters)

#### **PM Dust Cover**

